#### DT03 Rec'd, PCT/PTO Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond o a collection of information unless it displays a valid OMB control number. **Application Number** 10/510,376 TRANSMITTAL Filing Date October 5, 2004 **FORM** First Named Inventor Schaake Art Unit **Examiner Name** (to be used for all correspondence after initial filing) Attorney Docket Number DEHN-01004US0 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer **Extension of Time Request** below): 20 references for IDS Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks ·Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Vierra Magen Marcus Harmon & DeNiro LLP

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37,175

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Date

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**Burt Magen** 

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known				
Application Number	10/510,376			
Filing Date	October 5, 2004			
First Named Inventor	Schaake			
Art Unit				
Examiner Name				

(Use as many sheets as necessary)

Sheet 1 of 5 Attorney Docket Number DEHN-01004US0

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 4,521,683	6/4/1985	Miller	
		<sup>US-</sup> 4,554,451	11/19/1985	Kirstein	
		<sup>US-</sup> 4,628,197	12/9/1986	Thompson	
		<sup>US-</sup> 4,634,861	1/6/1987	Ching et al.	30.1.3.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4
		<sup>US-</sup> 4,654,523	3/31/987	Tanaka et al.	
		<sup>US-</sup> 4,695,164	9/22/1987	Zivitz et al.	
		<sup>US-</sup> 4,704,523	11/3/1987	Uchida	
		<sup>US-</sup> 4,713,541	12/15/1987	Renaud et al.	
		<sup>US-</sup> 4,814,604	3/21/1989	Lequime	
		<sup>US-</sup> 4,867,568	9/19/1989	Heinz et al.	
		<sup>US-</sup> 4,908,510	3/13/1990	Huggins et al.	9.2.1.7:1.30-31-1.1.000.
		<sup>US-</sup> 5,069,547	12/3/1991	Huggins et al.	
		<sup>US-</sup> 5,152,066	10/6/1992	Rieder et al.	
		<sup>US-</sup> 5,177,355	1/5/1993	Branan, Jr.	
		us-5,204,524	4/20/1993	Ichidawa et al.	
an agranda de la constitución de		<sup>US-</sup> 5,285,058	2/8/1994	Goodwin	
		<sup>US-</sup> 5,371,359	12/6/1994	Hagiuda et al.	
		<sup>US-</sup> 5,384,460	1/24/1995	Tseng	

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known				
Application Number	10/510,376			
Filing Date	October 5, 2004			
First Named Inventor	Schaake			
Art Unit				
Examiner Name				

Sheet 2 of 5 Attorney Docket Number DEHN-01004US0

Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5,508,088	4/16/1996	Braun	
		<sup>US-</sup> 5,541,406	7/30/1996	Waynik et al.	
		<sup>US-</sup> 5,585,924	12/17/1996	Schneider et al.	
		<sup>US-</sup> 5,691,534	11/25/1997	Tseng	
		<sup>US-</sup> 5,883,718	3/16/1999	Shu-Ming	
		<sup>US-</sup> 5,965,878	10/12/1999	Vircks	
		<sup>US-</sup> 6,015,970	1/18/2000	Guzik et al.	
		<sup>US-</sup> 6,157,026	12/5/2000	Redmer et al.	
		<sup>US-</sup> 6,194,708	2/27/2001	Wang et al.	
		<sup>US-</sup> 6,232,594	5/15/2001	Eccher et al.	
·····		<sup>US-</sup> 6,271,950	8/7/2001	Hansen et al.	
		<sup>US-</sup> 6,272,283	8/7/2001	Nguyen	
		<sup>US-</sup> 6,278,107	8/21/2001	Gaumet	
		<sup>US-</sup> 6,292,117	9/18/2001	Smith	
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> (Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	.T <sup>6</sup>	
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Examiner	Date	
Signature	Considered	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known				
Application Number	10/510,376			
Filing Date	October 5, 2004			
First Named Inventor	Schaake			
Art Unit				
Examiner Name				
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(Use as many sheets as necessary)

Sheet 3 of 5 Attorney Docket Number | DEHN-01004US0

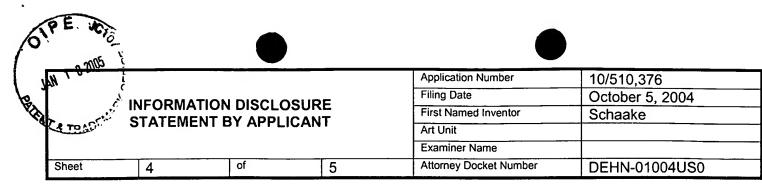
			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 2001/030282	10/18/2001	Steegmueller et al.	
		<sup>US-</sup> 2001/025920	10/4/2001	Ueda	
		<sup>US-</sup> 2001/020932	9/13/2001	Merminod et al.	
		<sup>US-</sup> 2001/019012	9/6/2001	Deruginsky et al.	
		<sup>US-</sup> 2001/017350	8/30/2001	Ishizuka	
		<sup>US-</sup> 2001/013765	8/16/2001	Yamamoto et al.	
		<sup>US-</sup> 2002/008195	1/24/2002	Aoki et al.	
		<sup>US-</sup> 2002/018407	2/14/2002	Komoto	
		<sup>US-</sup> 2002/038848	4/4/2002	Chin et al.	
		<sup>US-</sup> 2002/063202	5/30/2002	Simon et al.	
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	FOREIGN PATENT DOCUMENTS						
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Examiner Initials	Cite No	Foreign Patent Document  Country Code Number Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP 0 140 574	5/8/1985	GEC-Marconi Limited		
		EP 0 246 892	11/25/1987	British Aerospace Public Limited	Ï	
		EP 0 272 296	6/29/1988	Renishaw plc		
		EP 0 718 657	6/26/1996	Fuji Electric Co., Ltd.		
		EP 1 132 763	9/12/2001	Agilent Technologies Inc.		
		EP 1 189 035	3/20/2002	Agilent Technologies, Inc.		
		GB 2 013 332	8/8/1979	The Plessey Company Limited		
		GB 2 020 010	11/7/1979	Airco Inc.		
		GB 2 122 826	1/18/1984	NMI Limited		
		GB 2 286 901	8/30/1995	The Perkin-Elmer Corporation		
		GB 2 368 906	5/15/2002	Mitutoyo Corporation		
		WO 84/01824	5/10/1984	The Foxboro Company		
		WO 87/03084	5/21/1987	Acu-Rite Incorporated		
		WO 87/07944	12/30/1987	Renishaw PLC		
		WO 88/02545	4/7/1988	Conax Buffalo Corporation		
		WO 95/28036	10/19/1995	Abbotsbury Software Limited		
		WO 99/46603	9/16/1999	OTM Technologies, Ltd.		
		WO 01/63227	8/30/2001	Instrumentation Metrics, Inc.		
		WO 01/92821	12/6/2001	Forskarpatent		
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*	J. S.				Application Number	10/510,376		
INFORMATION DISCLOSURE					Filing Date	October 5, 2004		
STATEMENT BY APPLICANT				ANT	First Named Inventor	Schaake		
					Art Unit			
(Use as many sheets as necessary)					Examiner Name			
_	Sheet	5	of	5	Attorney Docket Number	DEHN-01004US0		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		"Digital Encoders," 6/29/99, " http://www.gpi-encoders.com 12/18/2001	/technical_art	icles.htm, printed	
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